Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently Amended) Bridge device for connecting a centralized wireless network to a plurality of other networks, each of said other networks having devices which can communicate with each other, said centralized wireless network comprising:

~~an~~ only one access point device, other than the bridge device, adapted to manage the centralized wireless network and to associate with a wireless device to allow said wireless device to be a member of the centralized wireless network and to allow said wireless device to communicate with other members of the centralized wireless network,

said bridge device comprising a bridge module for managing a plurality of ports for connecting to respective other networks;

wherein said bridge device comprises a link management module for managing associations with said access point of devices of networks connected to the bridge device other than the centralized wireless network; and wherein the bridge device is adapted to be associated to said access point of the centralized wireless network.

2. (Previously presented) Bridge device according to claim 1, further comprising means for determining a spanning tree for all networks attached to the device, comprising means for enabling or disabling the determination of the spanning tree.

3. (Previously presented) Bridge device according to claim 1, further comprising means for updating filtering tables for respective connected networks, said filtering tables comprising information for determining whether a-message on a-network is to be forwarded to another network, said updating using a process by default, comprising means for enabling or disabling the default process.

4. (Previously presented) Bridge device according to claim 3, wherein said default process is based on analysis of source addresses in messages detected on a respective network, comprising means for enabling or disabling message detection based updating.

5. (Previously presented) Bridge device according to claim 3, further comprising means for updating a filtering table for a given network based on a device discovery process specific to said given network.

6. (Previously presented) Bridge device according to claim 3, wherein said default process is enabled for an Ethernet network.

7. (Previously presented) Bridge device according to claim 3, wherein said default process is disabled for a USB network.

8. (Previously presented) Bridge device according to claim 1, further comprising means for generating a message to said link management module upon a filtering table amendment, said means for generating having an enabled state and a disabled state for each network.

9. (Previously presented) Bridge device according to claim 8, wherein said means for generating a message is enabled for an Ethernet network.